

Apparatus for the Automatic Stopping of a
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SLA 60-10222

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Vol III, No 2

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Fibers from Solutions of Low-Substituted Xanth-
ates, by E. A. Abramova, S. L. Murto, N. K.
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Masini, Vol XII, No 1, 1960, pp 60, 61.

JPRS 8667

EBar - Rumania

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PPS 21071

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SEP 63

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TC-267

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June 67

Carl Georg Munters
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EFFECT OF HEAT TREATMENT ON RESIDUAL STRESSES I
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A. P. MONTANARI.

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NO 7, 1960, PP 15-16.

MB 300

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BUREAU, 1951, February. Washington, Vol. 21, No. 4, 1951,
pp. 573-587.

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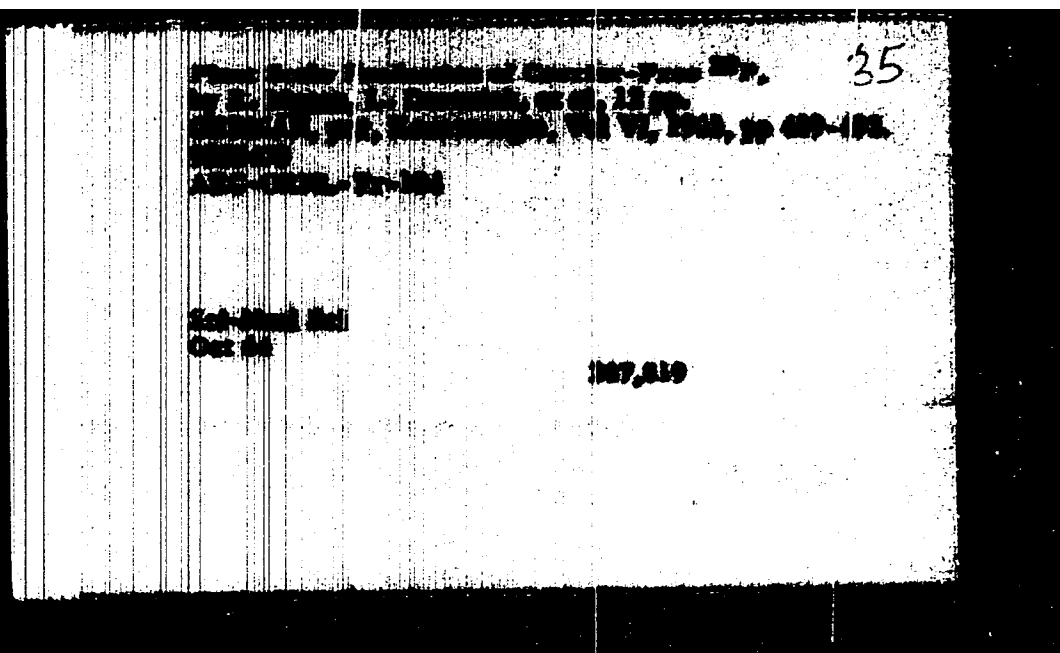
Preparation of Radioscopes, by A. M. Muro.
M. Muro, et al.
GOSPLAN, par. Kormenorgo, Vol VII, No 6, 1966.
pp 191-195. 928083
REC-ORNL-11-817

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Sci - 103
Jan 66

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Method for the Splitting of Glass and Hollow
Glass Articles, by C. Munzel, 2 pp.

GERMAN, patent, appl, 10 Feb 20, pat. 15 Jun 1921.

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Analysis of Simple and Complex Gamma Spectra, by
Th. Schneider, H. Manzel, 17 pp.

GERMAN, per, Atompraxis, No 11, 1961, pp 412-419.
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AEC Tr-5102

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The Formation of $\text{Cd}^{115\text{m}}$ or $\text{Cd}^{115\text{g}}$ with the
Reaction U(F)X , by H. Munzel,
GHELAN, rpt., Ueber die Bildung von $\text{Cd}^{115\text{m}}$
bzw. $\text{Cd}^{115\text{g}}$ bei der Reaktion U(F)X , 7 pp.

Dept of Modern Languages

N. C. State Univ at Raleigh

H. Munzel

Apr 67

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The Effect of Physical and Mechanical
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P. M. Seth, K. Munzel.
GERMANY, par, Pharmazeutische Industrie.
Vol 20, No 2, 1958, pp 50-52.
NTC 69-10703-060

K. Munzel

Sci 68
July 69

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Effect of Moisture Content of a Granulate
on Pressability and Characteristics of
the Tablets, by P. L. Seth, K. Muzel.
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Vol 21, No 1, 1959, pp 9-12.
NTC 60-10704-260

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K. Muzel

Sci-543
July 59

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Münzel, K.

INVESTIGATIONS ON PHARMACEUTICAL EMULSIFIERS FOR INTERNAL USE: EGG YOLK AND EGG WHITE. ([1961] 11p. (refn. omitted).
Order from SLA \$1.60

61-20254

Trans. of Pharmaceutica Acta Helvetiae (Switzerland) 1943, v. 18, p. 60-65.

DESCRIPTORS: Colloids, *Egg white, *Egg yolk, Food.

Experiments with egg white show that no highly dispersed emulsion can be obtained with the weakly concentrated emulsifier solution and that the colloidal structure of egg white is susceptible to mechanical action as is that of egg yolk. (Author)

(Food, TT, v. 7, no. 5)

61-20254

I. Münzel, K.
II. Title: Egg ...

194990

Office of Technical Services

Münzel, K.

INVESTIGATIONS ON PHARMACEUTICAL EMULSIFIERS FOR INTERNAL USE: TRAGACANTH. [1961]

5p. (refs. omitted).

Order from SLA \$1. 10

61-20253

Trans. of Pharmaceutica Acta Helvetiae (Switzerland) 1943, v. 18, p. 44-46.

DESCRIPTORS: *Colloids, Viscosity, *Pharmacology, Drugs.

A great viscosity difference is shown by 4 kinds of tragacanth. Viscosity can not be found from the commercially used quality designations since these are governed purely by outward appearances. On the basis of various authors investigations and on the basis of specific experiments, tragacanth is to be known as a quasi-emulsifier, limited by the mere (Food, TT v. 7, no. 5) (over)

61-20253

I. Title: Tragacanth

I. Münzel, K.

II. Title: Tragacanth

194995

Office of Technical Services

Endless Felt With Reinforcing Inserts and Process
of Producing Same, by Konrad Munzinger-Schenker,
3 pp.

GERMAN, Austrian Patent No 35,642.

Dept of Commerce
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What Type Reactors Must Be Used for the First
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Munzinger, 17 pp.

GERMAN, per, Atom und Strom, Vol IV, No 3, 1958,
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AMS

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Münzinger, Walther M.

PROGRESS IN THE FIELD OF PLASTICIZERS,

11 Nov 48, 14p. (table, refs. omitted).

Order from SLA \$1.60 62-18420

Trans. of Kunststoffe (Germany) 1941, v. 31, no. 11,
p. 389-395.

DESCRIPTORS: *Plasticizers, Chemical industry,
Bonding, Classification.

(Materials--Plastics, TT, v. 9, no. 3)

62-18420

I. Münzinger, W. M.

C227562

Office of Technical Services

(a) Importance of the Treatment of Livestock, Hospitals, by Lt Alejandro Alonso Munoz, 8 pp. (b) Rational Feeding - Calories, by Capt Jose M. Valentin Geraso, 10 pp. (c) Horse Breeding in the Units of the Armed Forces, by Maj Valentin Bulnes, (ID 405115). UNCLASSIFIED

Full translation.

SPANISH, Ejercito, Aug 1946, pp 45-48, 49-⁶36, 31-34.

ID GSUSA F-8698 A,B,C

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WEur - Spain /
Military - Veterinary service

Asymptotic Expression for the Total γ /Scattering
Cross Section at High Energies, by V. D. Mur, 6 pp.

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No 4, 1963, pp 1051-1059.

Amer Inst of Phys
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Vol XVIII, No 3

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Matrix Structure of ~~the~~ The Meson-Photon, Nucleon-
Photon, and Photon-Photon Scattering Amplitudes at
High Energies, by V. D. Mur, 5pp.

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No 6, 1963, pp 2173-2179.

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On the Use of an Arbitrary Gauge of the Electromagnetic Potentials in the Dispersion Method, by V. D. Mur, V. D. Skarzhinkiy, 3 pp.

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AIP
Sov Phys - JETP
Vol XIII, No 4

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Application of the Dispersion Method for Investigation
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Electrodynamics, by V. D. Mur, V. D. Skarzhinskiy,
4 pp.

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Vol XXXVIII, No 6, 1965, pp 1817-1823.

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XX Sci

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Investigation in the Field of Triazine Derivatives,
I. Some Substantive Triazine Azo Dyes, by V. I.
Mar, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 7,
1959, pp 2267-2270.

CB

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Reaction of Sulfur Chloride with 1,2,4-Trichloro-
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Coppering of o-Hydroxy-o'-alkoxyazo Compounds
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Certain Azo Dyes Obtained from 4,4'-
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and N-Aryl-3-methyl-5-aminopyrazoles, by
V. I. Mur, I. P. Mikhailova, 3 pp.

RUSSIAN, per, Zhur Prii Khim, Vol XXXI, No 5,
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Sci - Chem

Jun 59

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Reaction of Copper Salts with Certain o-
Hydroxy- and o-Amino-o'-Methylthioazo-
compounds, by V. I. Mur, 4 pp.

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Full tr

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RUSSIAN, no per, Zhur Obsheh Khim, Vol XXV, No 2, 1955, pp 374-379. CIA D 151348

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Full translation.

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May 66

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Certain Relationships in the Extraction of
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High Purity Elementary Silicon, by R. H.
Murach, 12 pp. UNCLASSIFIED

RUSSIAN, par, Khim i Khim Tekh, Vol X, No 5,
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Sci Res Lib 57/4315

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Group, by Teiji Murachi, et al,
JAPANESE, part, Tokaiuen Chasen Kenkyu Kiyo ,
No 40, 161-170, 1954.
Dept HSE, NIH, 8-49-63.

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Agar and Diabetes Mellitus, by Teiji Murachi,
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No 40, 171-180, 1964
Dept III, III, 8-51-65

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Oct 65

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Teiji Murachi

RESPONSIBILITY TO THE PEOPLE, BY WHOSE HANDS,
TO PP.

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RUSSIAN, per, Elektrosviaz, Vol X, No 6, 1956,
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SIA R-1812

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Veterinary Specialists of the Armenian SSR in the
Struggle for a Further Rise of Animal Husbandry, by
G. K. Arutiunian, A. V. Murelian.

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UNDA

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"To 50 Countries of the World" by N. Muradov

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15 March 1960; p 4

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Some Diagrams of Systems Using Crystal Triodes
(Transistors), by A. G. Muradyan, 13 pp.

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Vol V, No 2

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R. M. Muradyan, 7 p.

RUSSIAN, per, Dok Ak Nauk SSSR, 1958⁷,
Vol CXV, No 5, pp 887-890.

SLA 59-20212

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Vol III, No 3

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The Equilibrium Diagram for the Iron and Silicon
System, by Atsami Onawa, Takasi Murata, 29 p.

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Vol IV, No 7, pp 228-242.

SLA 60-10040

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Vol XII, No 2

113,594

Equipment for Data Transmission and Reception *125*
Using Optical Carrier, by A. G. Muredyan.
RUSSIAN, Patent 187155, class 21.
*FTD-HT-23-3-68B

Sci-Mat
Feb 61

A. G. Muredyan

(NY-4850)

Individual Voice-Frequency Repeater (ITU), by
A. G. Muradyan, A. A. Shmidel', 11 pp.

RUSSIAN, per, Vestnik Svyazi, No 2, 1959.

JPRS 5995

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146,057

Scattering of Dirac Particles in the
Second Born Approximation, by V. M. Arutyunyan
and R. M. Muradyan, 3 pp.

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XXVI(9), No 5, 1959, pp 1542-1545.

Amer Inst of Phys
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Inclusion of the Second Approximation, by
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JPRS 31000

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TT-65-14511

Field 7C

Marubashi, Shunsuke.
NEW SYNTHETIC POLYMERS. 25p, 70 refs.
Order from SLA: \$2.50 as TT-65-14511

Trans. of Kogyo Kagaku Zasshi (Japan) v65 n5 p643-8
1962.

Other trans. are available from K-H \$16.50 as
K-H-12425-n (28p); and from SA \$28.00
as SA-KKZ-65-5-1, 47p.

NR 6-9

TT-62-28893

Murao, S.
ÉTUDE DE LA PÉNICILLIN-AMIDASE. II. CONDI-
TIONS DE PRODUCTION DE LA PÉNICILLIN-AMIDASE. III. MÉCANISME DE LA RÉACTION DE LA PÉNICH-
LIN-AMIDASE (Penicillin-Amidase. II. Productional
Conditions of Penicillin-Amidase. III. Mechanism of
Penicillin-Amidase Action on Sodium Penicillin). 13p.
Réf. CNRS-XXI 127.
Order from O.T.S. 5-Fr. or CNRS \$1.60 TT-62-28893

Trans. in French of Nihon Kagai-Kagaku Shu (Japan)
1955, v. 29, no. 6, p. 400-407.

DESCRIPTORS: *Penicillins, Culture media, Sulfur
compounds, *Enzymes, Decomposition.

(Biological Sciences -- Pharmacology, TT, v. 11, no. 9)

Office of Technical Services
European Translations Centre

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In Defense of Certain Conditions in the Designing of
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RUSSIAN, per, Rybnoye Khoz, No 11, 1960, pp 27-33.

Navy Tr 2814/ONI 852

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M11

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Muragin, E. P.
IN DEFENSE OF CERTAIN CONDITIONS IN THE
DESIGNING OF FISHING TRAWLERS. [1962] [10]p.
Order from OTS or SLA \$1.10 63-15126

Trans. of Rybnoe Khozyaistvo (USSR) 1960 [v. 36]
no. 11, p. 27-33.

DESCRIPTORS: *Boats, *Ships (Nonmilitary), Fishes,
Design, Effectiveness, *Marine engineering.

(Engineering--Ship Building, TT, v. 10, no. 3)

63-15126

1. Title: Trawlers
1. Muragin, E. P.

Office of Technical Services

(NY-5100/7)

The New "Leskov" Series of Fishing Trawlers,
by Ye. V. Kanenskiy, F. P. Mirugin, 12 pp.

RUSSIAN, per, Rybnoye Khozyaystvo, No 3, 1961,
pp 12-50.

JPRS 9657

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Muragina-Koreneva, T. A.
ECOLOGY AND SYSTEMATICS OF THE PELOPIINAE
OF THE UTSHA RESERVOIR. I. PROCLADIUS AND
PSILOTANYPUS (DIPTERA, TENDIPEIDAE) (Ekologiya
i Sistematika Pelopliinaye Uchinskogo Vodokhranilishchi.
I. Procladius i Psilotanypus (Diptera, Tendipedidae)).

Apr 61 [21] p. 10 refs. RTS 1782.

Order from OTS or SLA \$2.60

61-19692

Trans. of Entomologicheskoye Obozreniye (USSR) 1957,
v. 36, no. 2, p. 436-450.

DESCRIPTORS: *Diptera, Ecology, Classification,
USSR.

(Biological Sciences--Zoology, TT, v. 6, no. 1)

61-19692

I. Muragina-Koreneva, T. A.
II. Title: Procladius...
III. RTS-1782
IV. Department of Scientific
and Industrial Research
(Gt. Brit.)

Office of Technical Services

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Chemical Properties, by S. Murahski.
JAPANESE, per, Nippon Kagaku Zasshi,
Vol 77, 1956, pp 1689-1692.
NASA TT F-11,771

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Studies of Vinylation Reactions. Part IV. The
Effect of Lewis Bases on the Reaction of Acetylene
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High Pressures Using Zinc Salts as Catalysts, by
S. Otsuka and S. Murahashi, 6 pp.

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JAPANESE, ~~PER~~, J Chem Soc Japan. Pure Chem Sect,
Vol LXIV, No 9, 1954, pp 884-887.

384-887, 31073

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Murahashi, Shunsuke and Horie, Shigeki.
REACTIONS OF CARBON MONOXIDE. 1 May 62, 53p.
11 refs.
Order from SLA \$5.60

62-16964

Trans. of Yuki Gosei Kagaku Kyokai Shi (Japan) 1960,
v. 18 [no. 1] p. 15-30.

DESCRIPTORS: *Carbon compounds, *Monoxides,
Chemical reactions, *Oxo process, Reduction, Alco-
hols, Acids, Catalysis, Esters, Aldehydes, Ketones,
Halides, Ethers, *Azo compounds, Benzines, Anilines,
*Free radicals, Polymers, *Metalorganic compounds,
*Alkali metal compounds, Alkaline earth metals,
Transition elements.

The recent major progress of CO chemistry is
emphasized.

(Chemistry, TT, v. 9, no. 2)

62-16964

I. Murahashi, S.
II. Horie, S.

62-16964

Office of Technical Services

Synthesis of γ , γ -Thio and γ , γ -Sulfonyldibutyric
Acids and Their Esters. II, by Isao Nishikiori,
Shunsuke Murahashi, 6 pp.

JAPANESE, per, Chemistry of High Polymers, Vol
VIII, 1951, pp 253-256.

US Dept of Commerce
Patent Office
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Sci-Chemistry

40,247

Murai, K., Akazome, G., and Murakami, Y.
STUDIES ON THE FORMATION OF PERACETIC ACID.
Paper no. 6 on Study of Epoxy Fatty-Acid Esters.
[1962] 13 p. (foreign text included) 4 refs.
Order from SLA \$1.60 62-14374

Trans. of Kogyo Kagaku Zasshi (Japan) 1960, v. 63,
no. 7, p. 1233-1235.

DESCRIPTORS: *Epoxides, *Fatty acid esters,
*Acetic acids, Synthesis, Chemical equilibrium,
Catalysts.

Some studies are made on the synthesis of peracetic
acid from hydrogen peroxide and acetic acid. The
equilibrium constant for peracetic acid formation at
25-42°C. is found to be $K = 3.26$. The equilibrium
constant for the reverse reaction is in close agreement.
The apparent activation energy of 11.7 k cal/mole is
obtained for peracetic acid formation in presence of
(Chemistry--Organic, TT, v. 9, no. 2) (over)

62-14374

I. Murai, K.
II. Akazome, G.
III. Murakami, Y.
IV. Title: Study ...

62-14374

Office of Technical Services

62-34467

Murai, Korenori and Ito, Tadashi.

POLYOLEFIN COMPOSITES OF IMPROVED QUALITY

Oct 62, Sp.

Order from SA \$15.00

SA Code-P47

Trans. of published Japanese patent 10487/1961,
13 July 61, cl. 25-H-O (25-A-1), appl. no. 7690/1959,
13 Mar 59, by Mitsui Chemical Industrial Co.

DESCRIPTORS: *Epoxy resins, *Ethylenes, Manufac-
turing methods, Phosphorus acid.

I. Murai, K.

II. Ito, T.

III. Patent (Japan) pub. 36-10487

IV. SA Code-P47

V. Seizaburo Aoki (Japan)

62-34467

(Materials--Plastics, TT, v. 8, no. 12)

Office of Technical Services

A Method of Evaluating the Solubility Parameters
From Gas Chromatographic Data, by Hiroshi Kojima,
Junichi Kojima, Sukunaga Murai. 12 pp.

JAPANESE, ser, Kogyo Kagaku Zasshi, Vol. LXX,
No 9, 1959, pp 1371-1373.

SLA 60-44247

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Jan 62
Vol. LXX, No 10

181, 238

(a) Clothing of the Army During the Past Regimes, 74 pp;
(b) Equipment of the Combatant and the Textile Industry,
11 pp; (c) The Central Clothing Laboratory, by Pharmaci-
en Colonal Margine, 4 pp; (d) Life of the Regional
Associations of the Reserve Cadre of the Quartermaster
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Full translation.

FRENCH, Revue de l'Intendance Militaire, No 20, ^{Spec} ~~Spec~~ No
1951, Encl to H-66-52, ARMA France, Publ by the Office
of Clothing Inspector 51, Boulevard Latour-Maubourg,
Paris.

WEur - France

Military - Quartermaster

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A-8231

ID GSUSA P-7901

May 52 CTS

Murakami, Masuo, Kang, Jeng W., Itatani, Hiroshi,
Seno, Saburo, and Matzusato, Nariuki.

HOMOGENEOUS HYDROGENATION OF UNSATURATED
LINKAGES IN ORGANIC COBALT (II OR III) COM-
PLEXES. [1963] 13p

Order from K-H \$13.00

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